

Back Top View

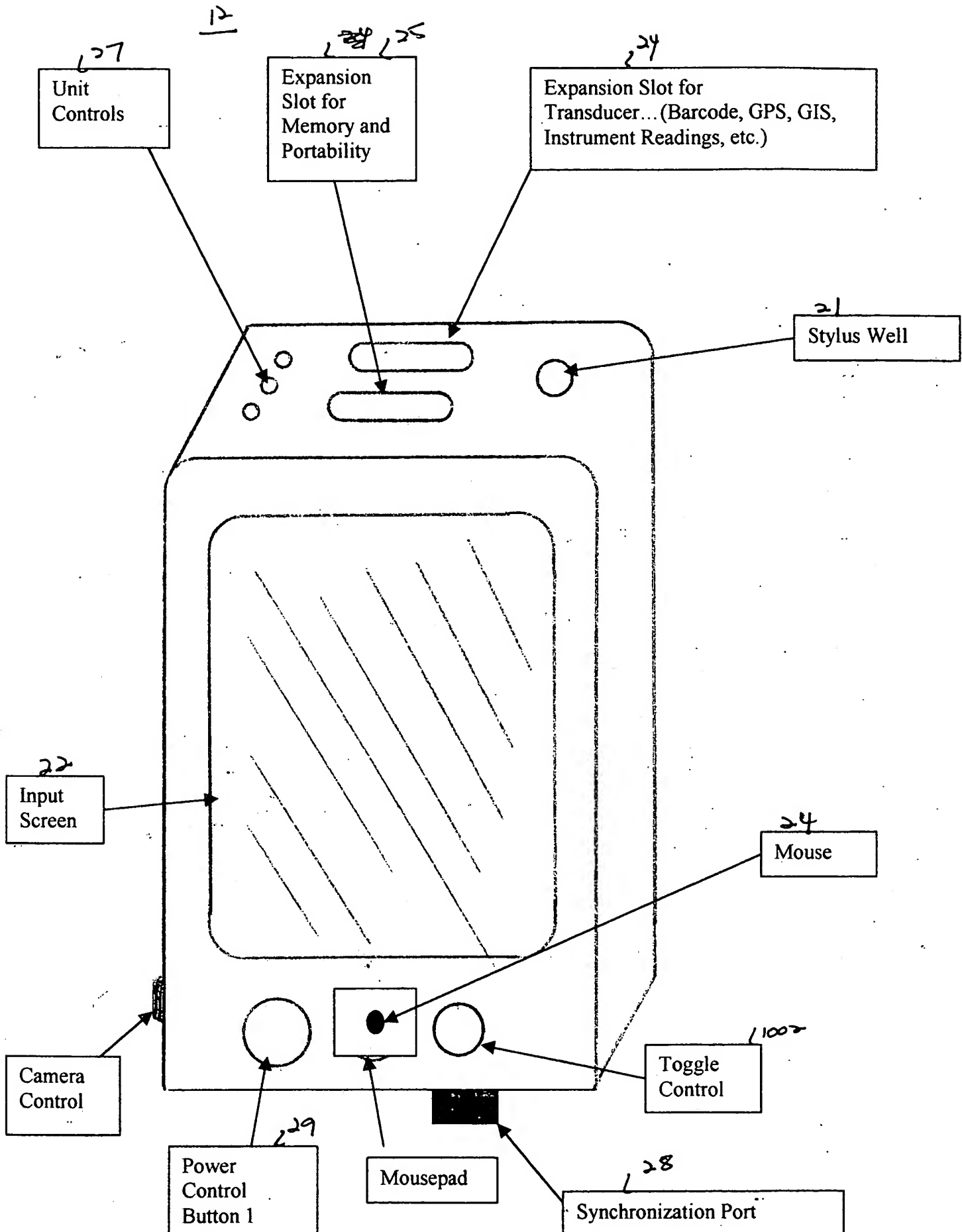


FIG 2A

Back View

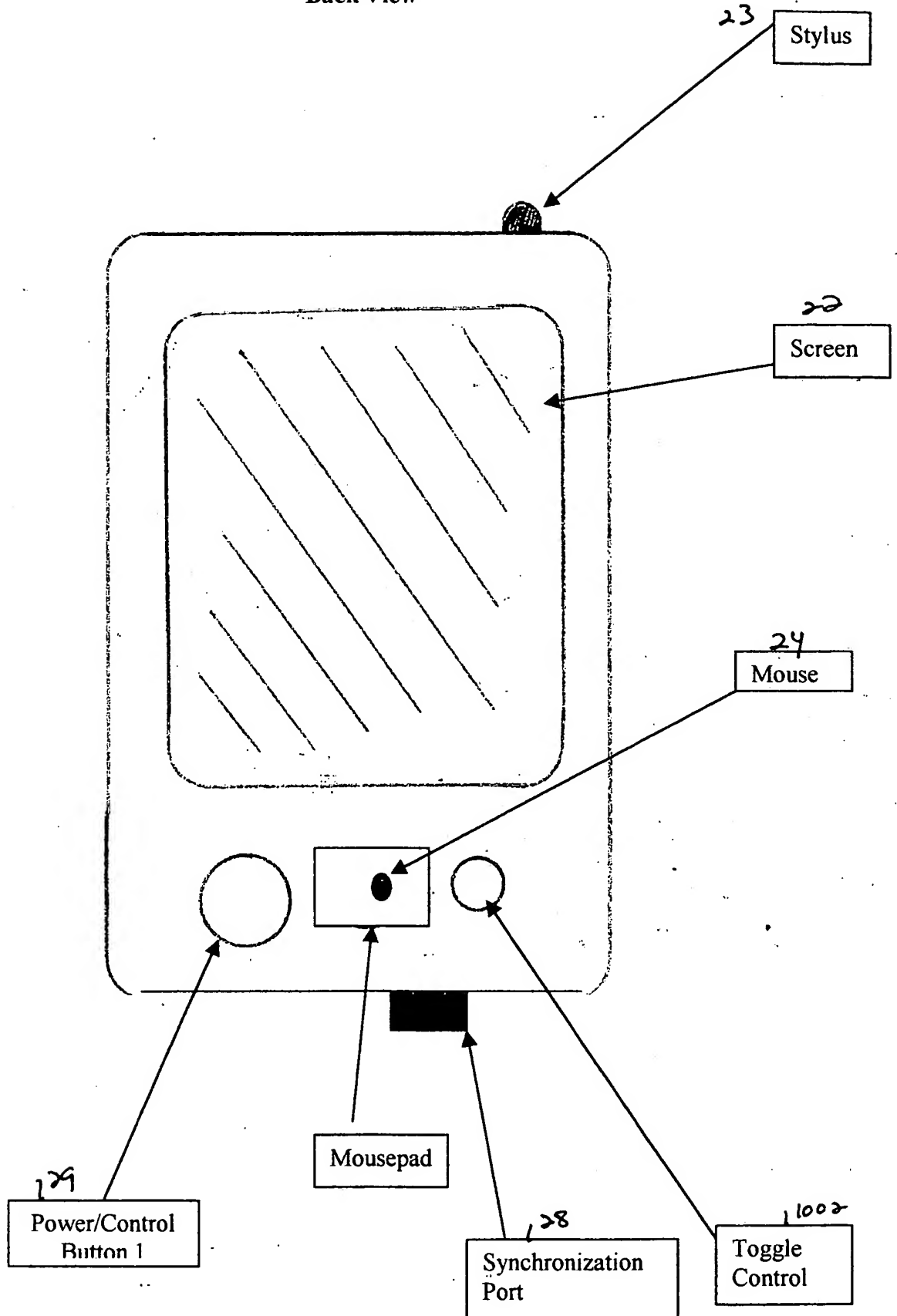


FIG. 2B

FRONT VIEW

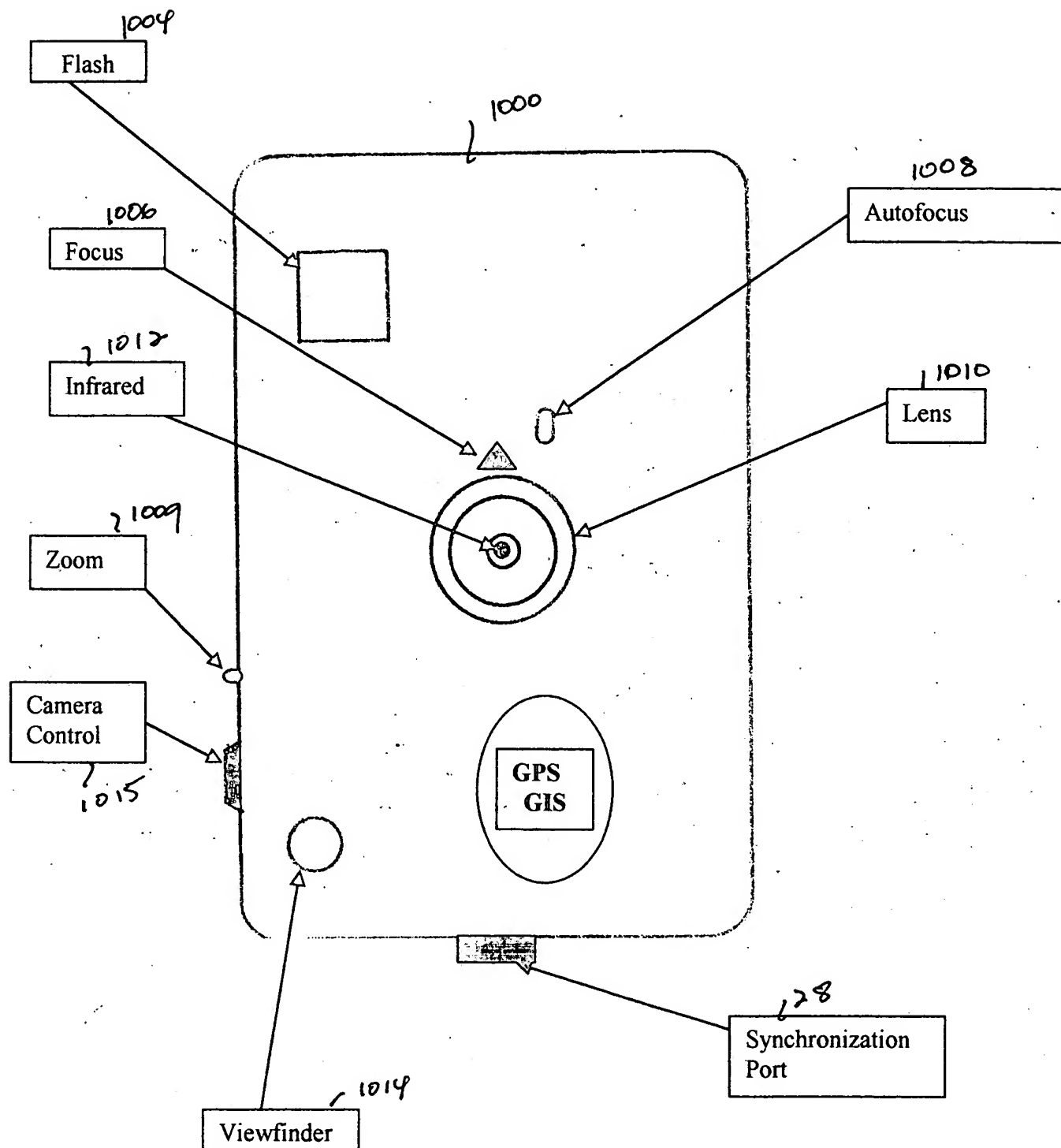


FIG. 2c

Full Unit with Base

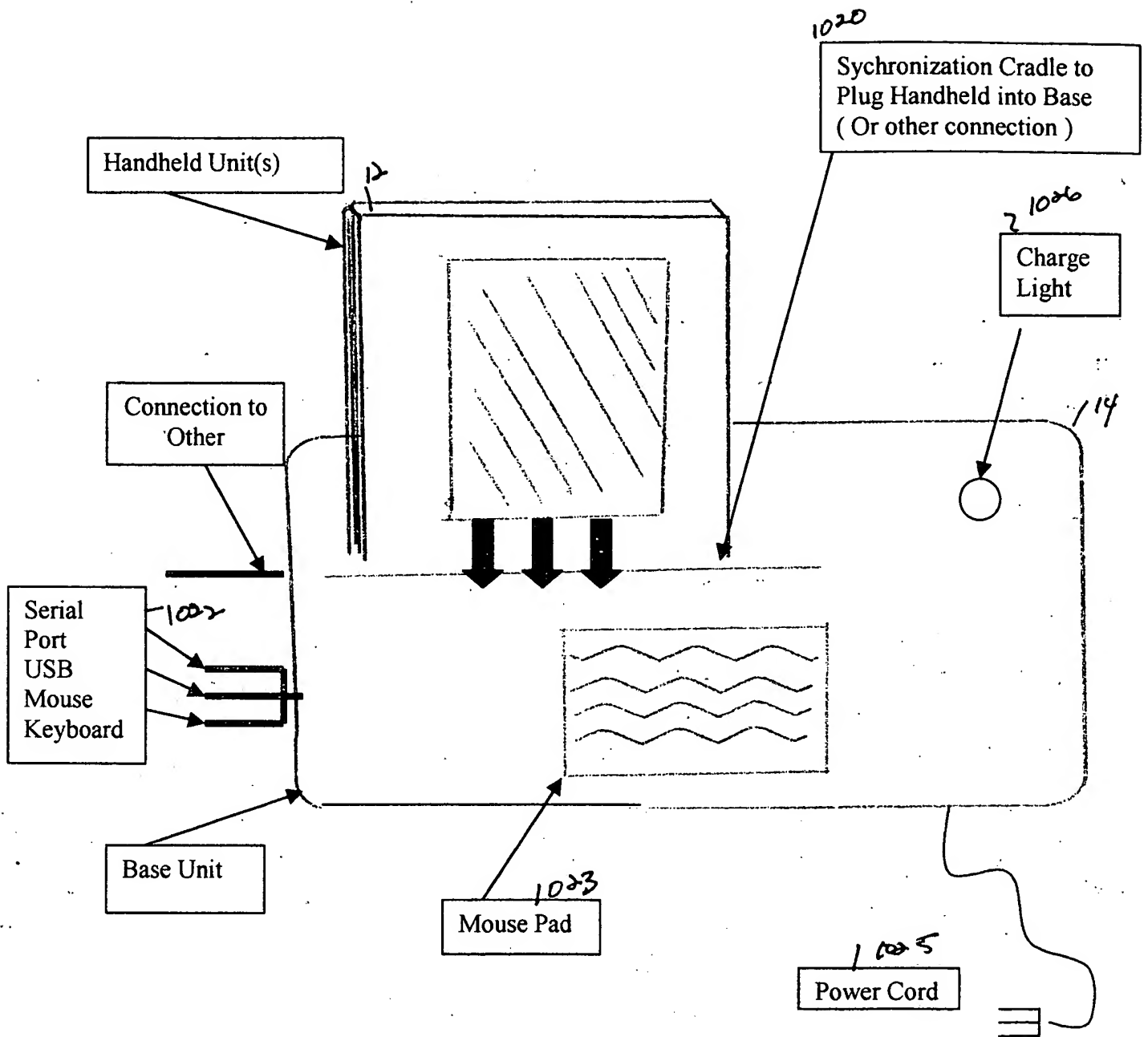


FIG. 2D

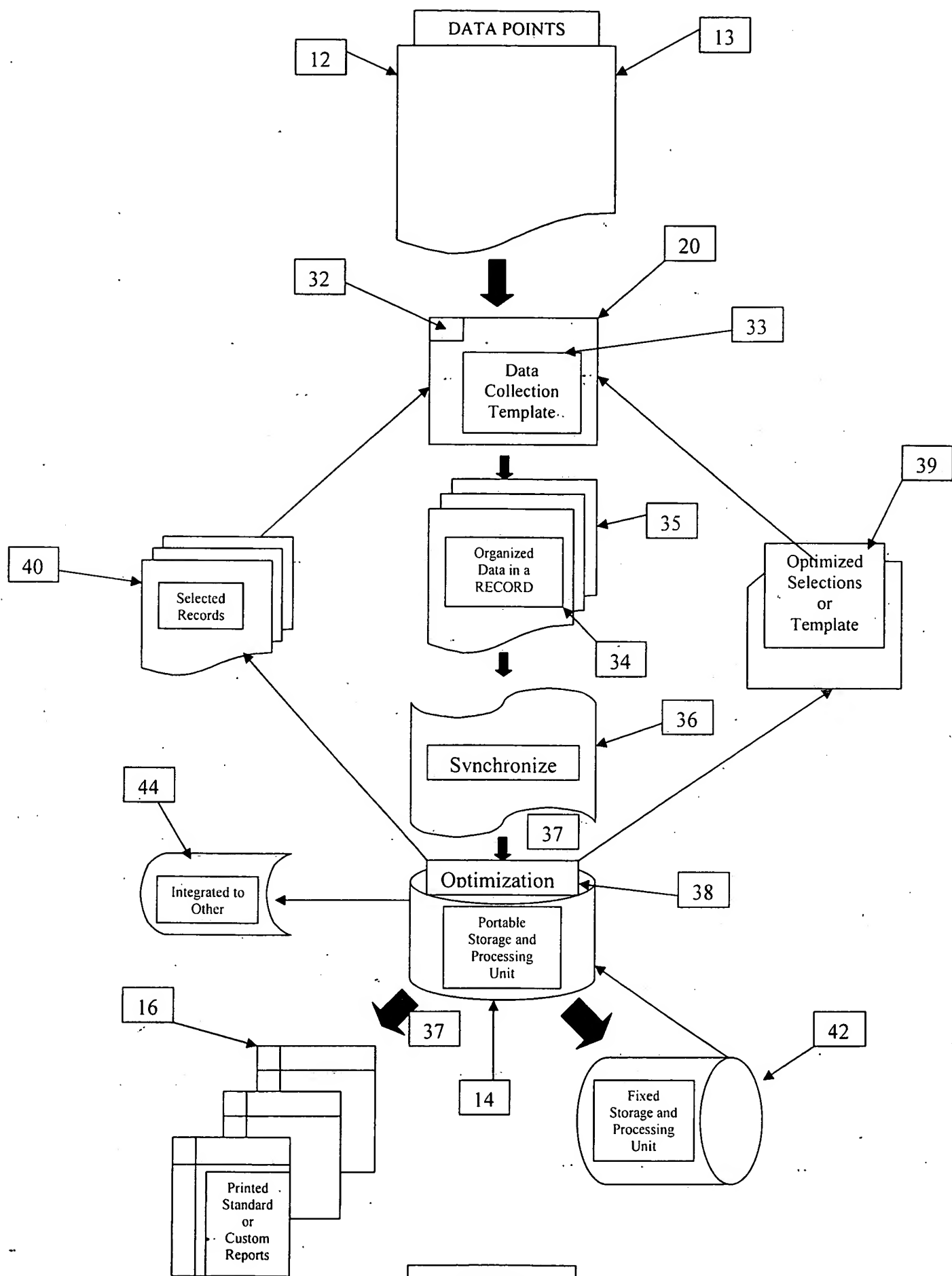
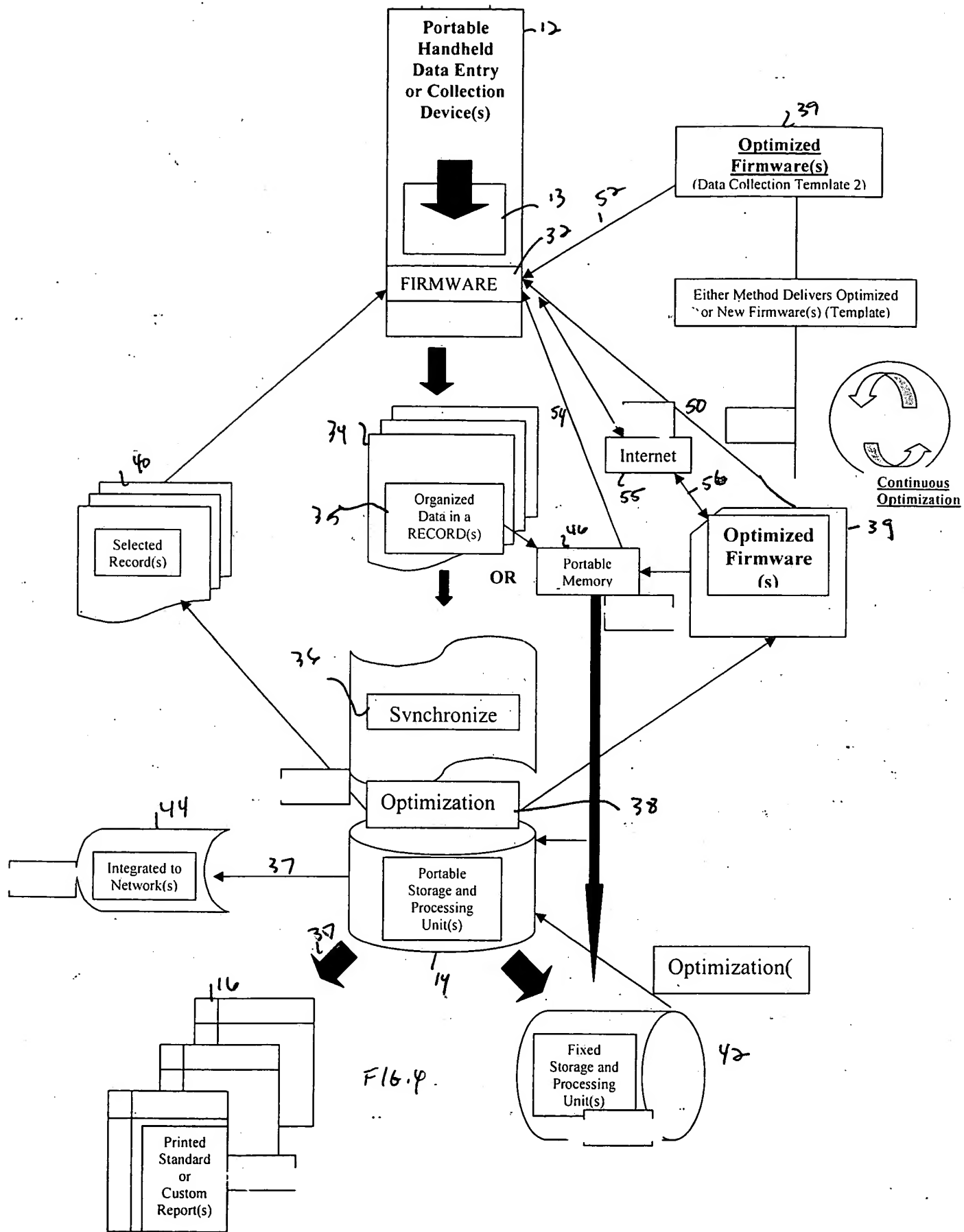
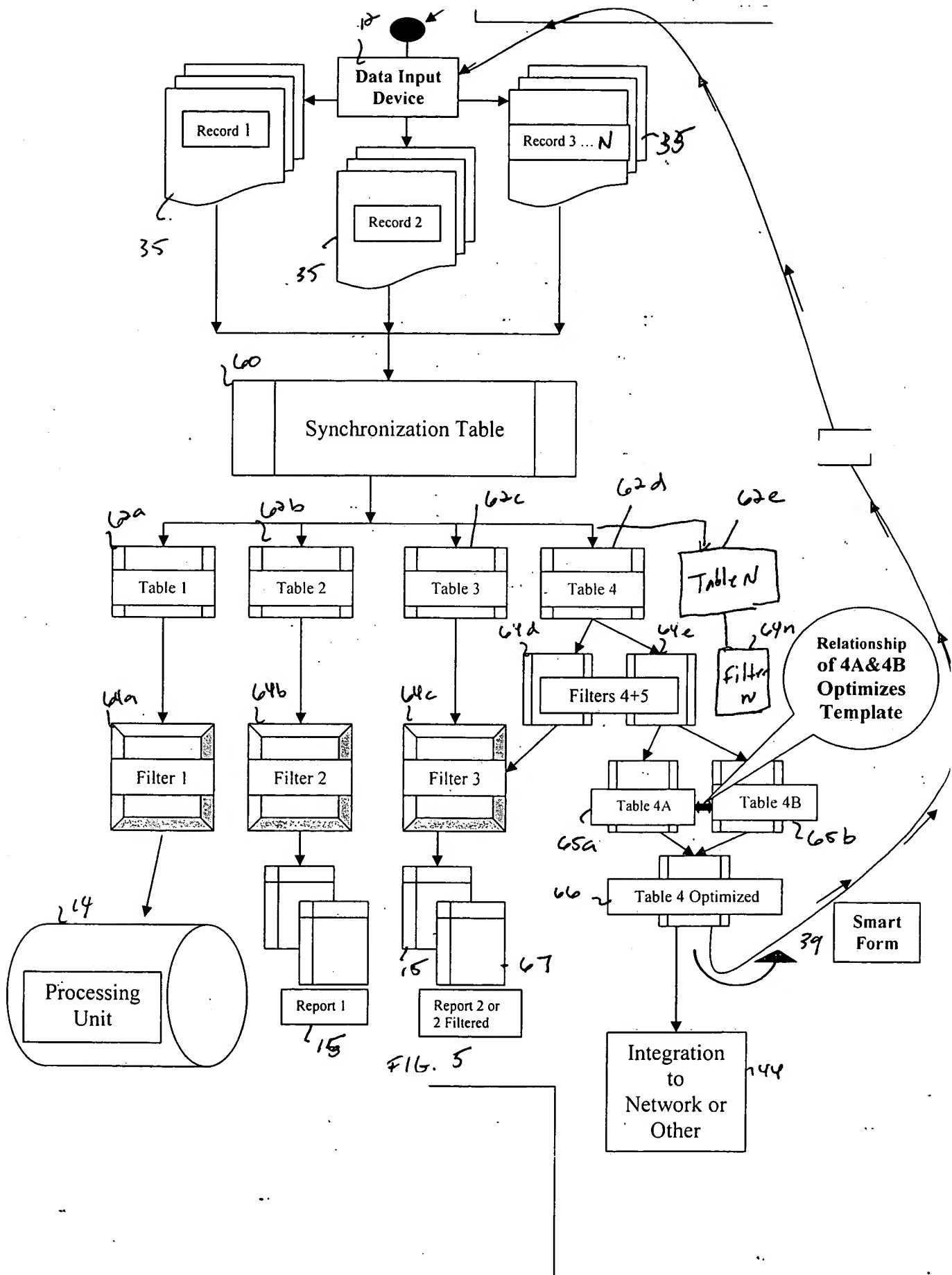


Figure 3





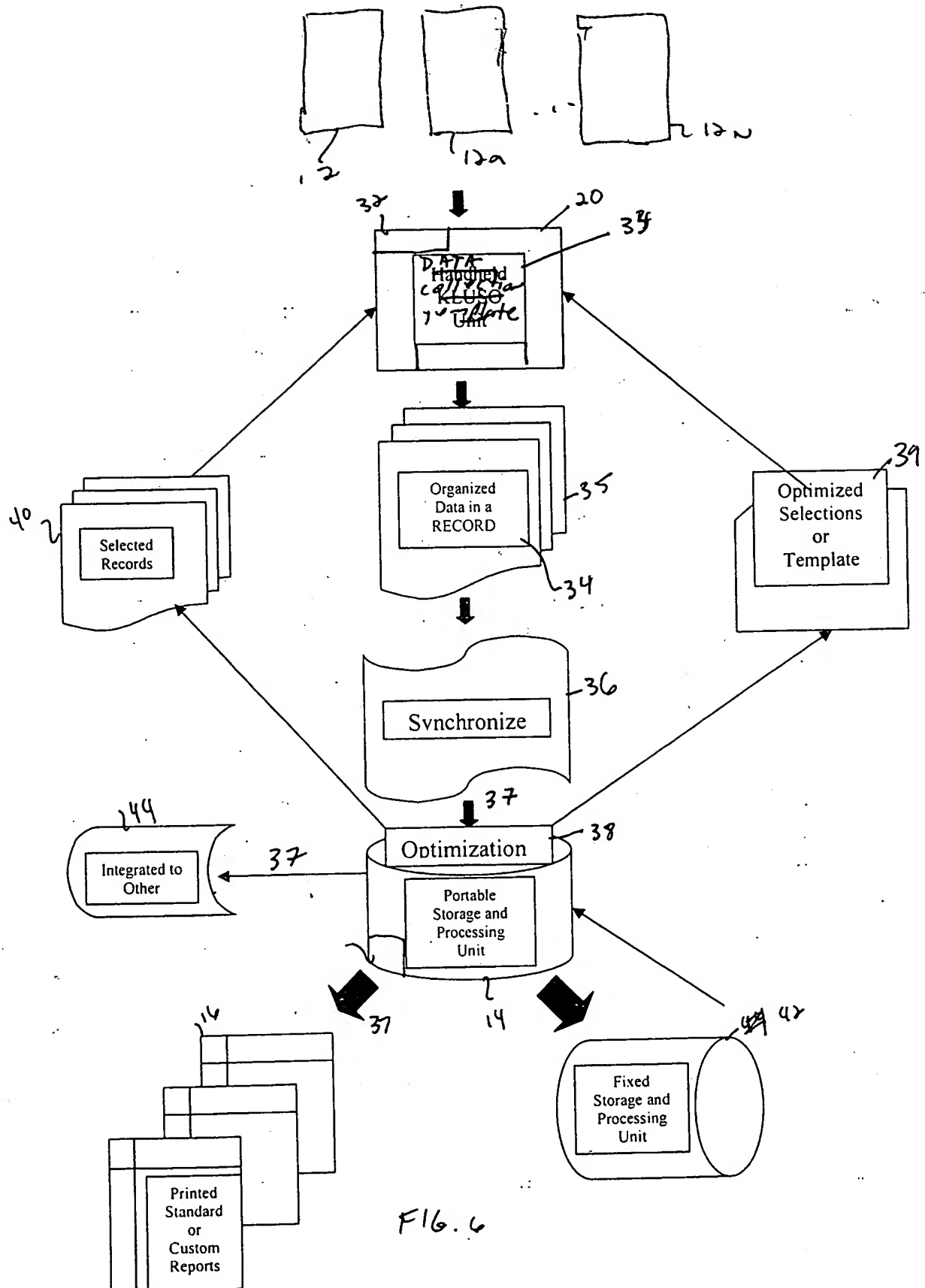


FIG. 6

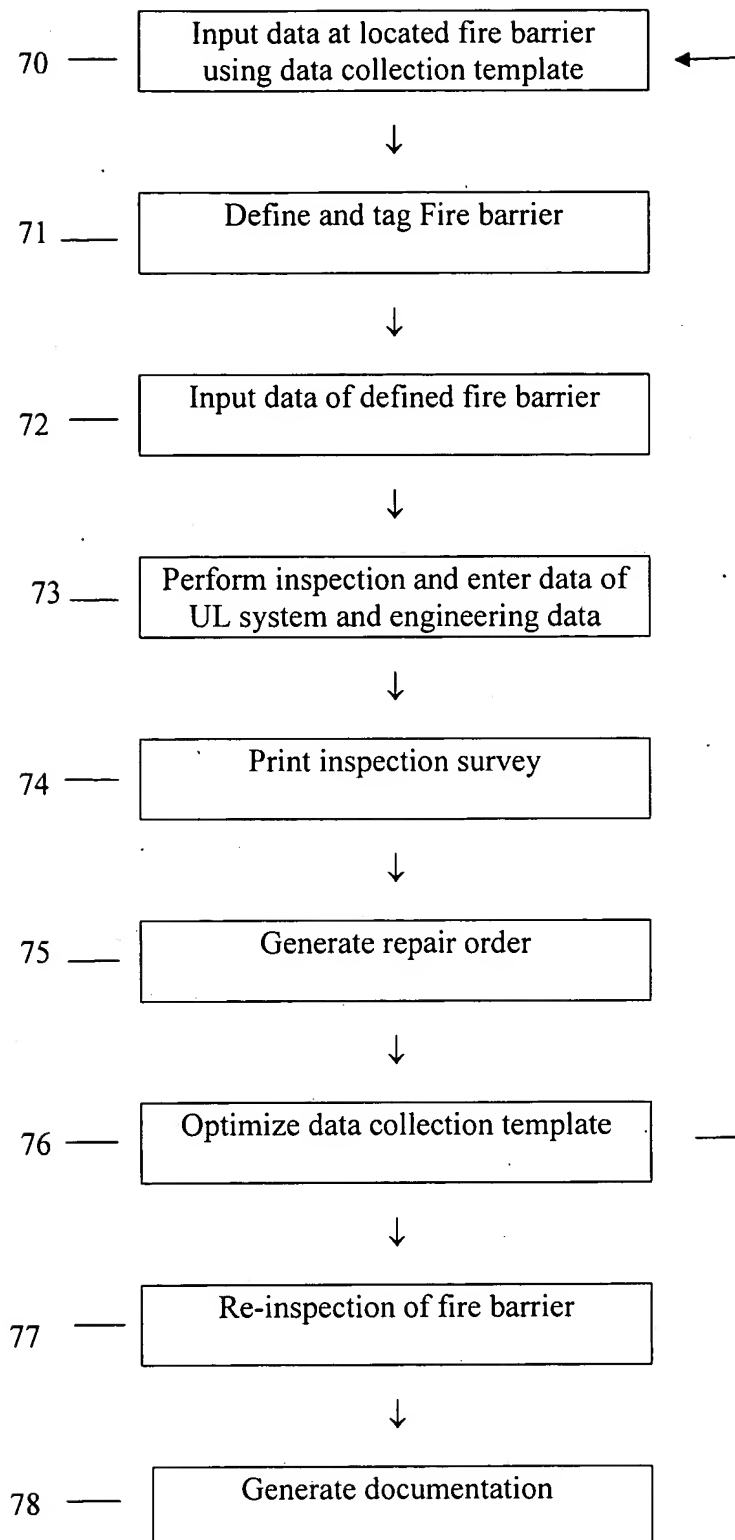
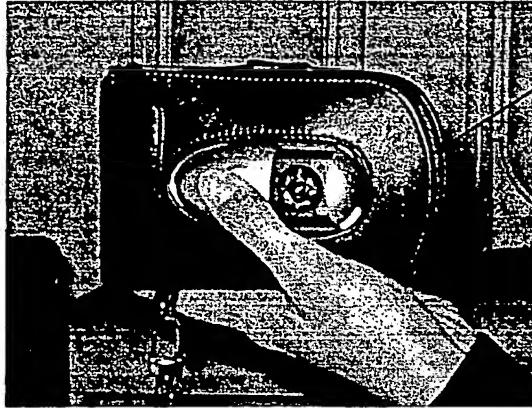


FIG. 7

Creating a Record on the Handheld

The Handheld Unit



1500

Data collection template is
opened on handheld.

FIG. 8A

12 1502

Client Data

Project **10/16/02 11:53:00 PM** 1508

Client Name 1503

Inspector 1504

Building Name 12 1505

Next 1506

FIG. 8B

Client Data Screen includes name, Time/date stamp with GPS/GIS or barcode Wand report, type of data collection being performed date, inspector name, etc.

1510

12

Geography

Barcode ID

1512

Room

Floor

1513

1514

Area Type

1515

1516

Fire/GBR Rating

1518

Delete Record

Previous Record

1518

First Record

Last Record

1518

FIG. 8C

Geography Screen prompts capture of barcode ID, room and floor numbers, area type, transducer reading, etc.

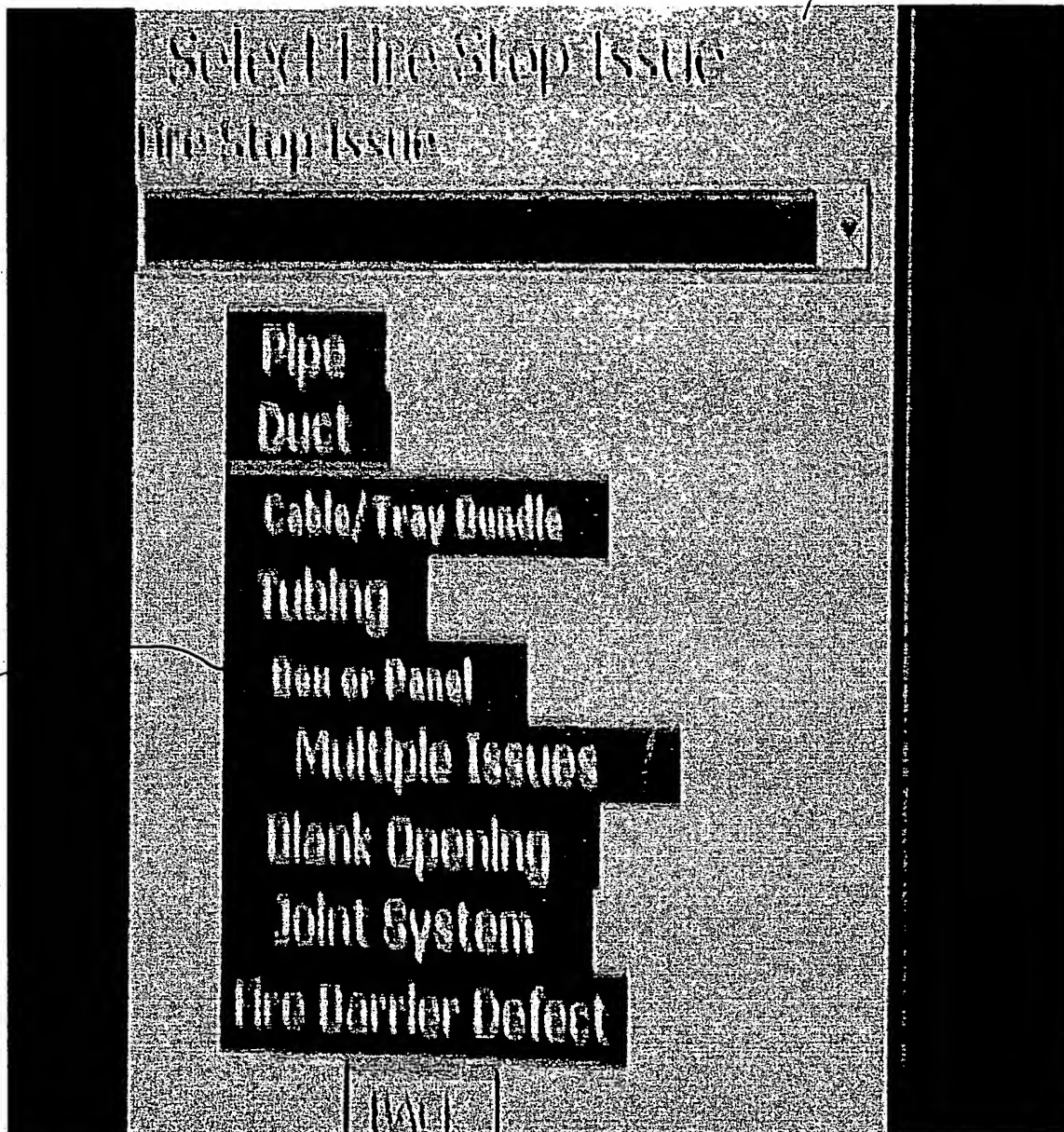


FIG. 8D

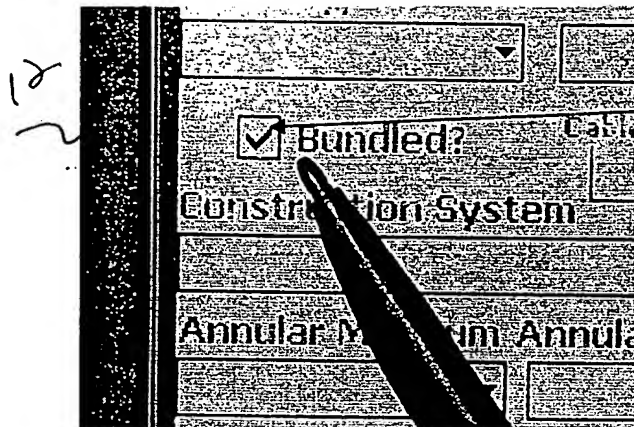
Issue or Incident type is selected from menu. The information requested is dependent on the item selected.

4702-T

Room	Floor
25	3
Area Type	
Computer Room	
Fire/CEB Rating	
Delete Record	5 Hour
First Record	1 Hour
	1.5 Hour
	2 Hour
Record Edit Option	

Data is collected in the field utilizing pre programmed dropdown selections

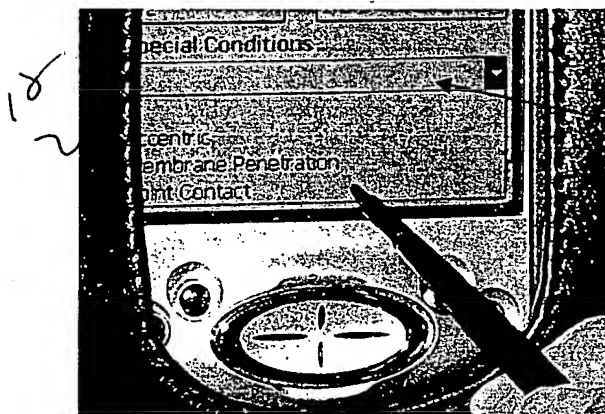
FIG. 8E



1540

Check box, hot button or other visual input indicator can be used to collect data

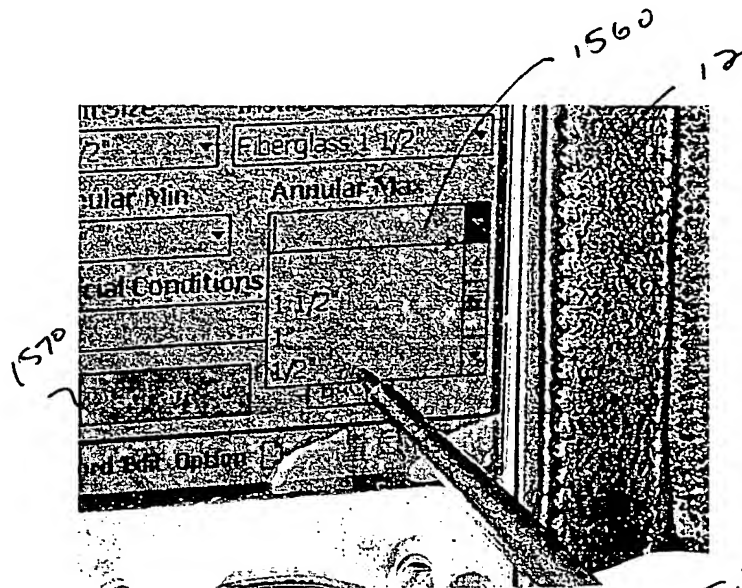
FIG. 8F



1550

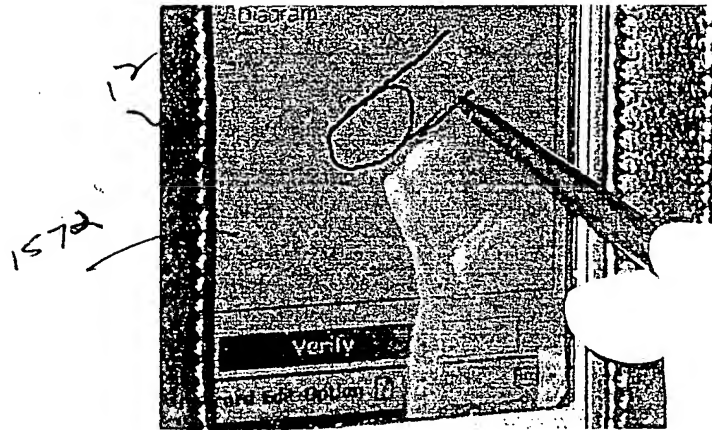
Special condition information can be collected, read into the record from a device interface or added on the fly in the field utilizing the built in data input keyboard, transcriber or character recognizer.

FIG. 8G



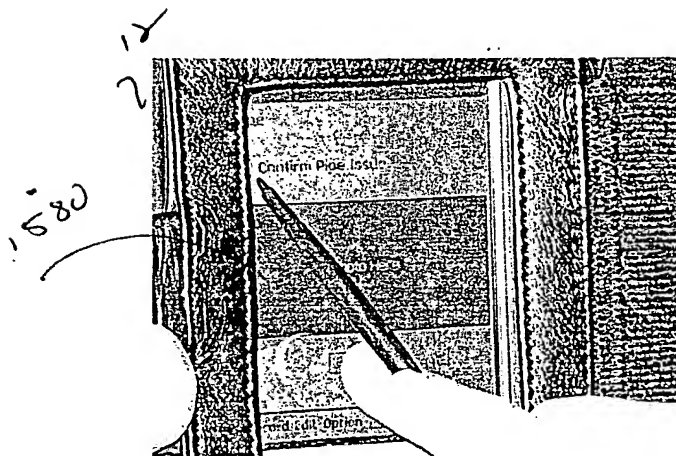
Data such as measurements or field conditions are collected by manual input or read directly into the handheld device template utilizing a measuring device connected directly into the unit..

Fig. 84



The green diagram button shown in the previous slide brings you to a sketch screen for input of a sketch directly into the record at time of capture.

Fig. 8I



The photo integration screen prompts the operator to toggle over to the built in camera and collect a photo of the item to be inserted into the record at time of capture.

Fig. 8J

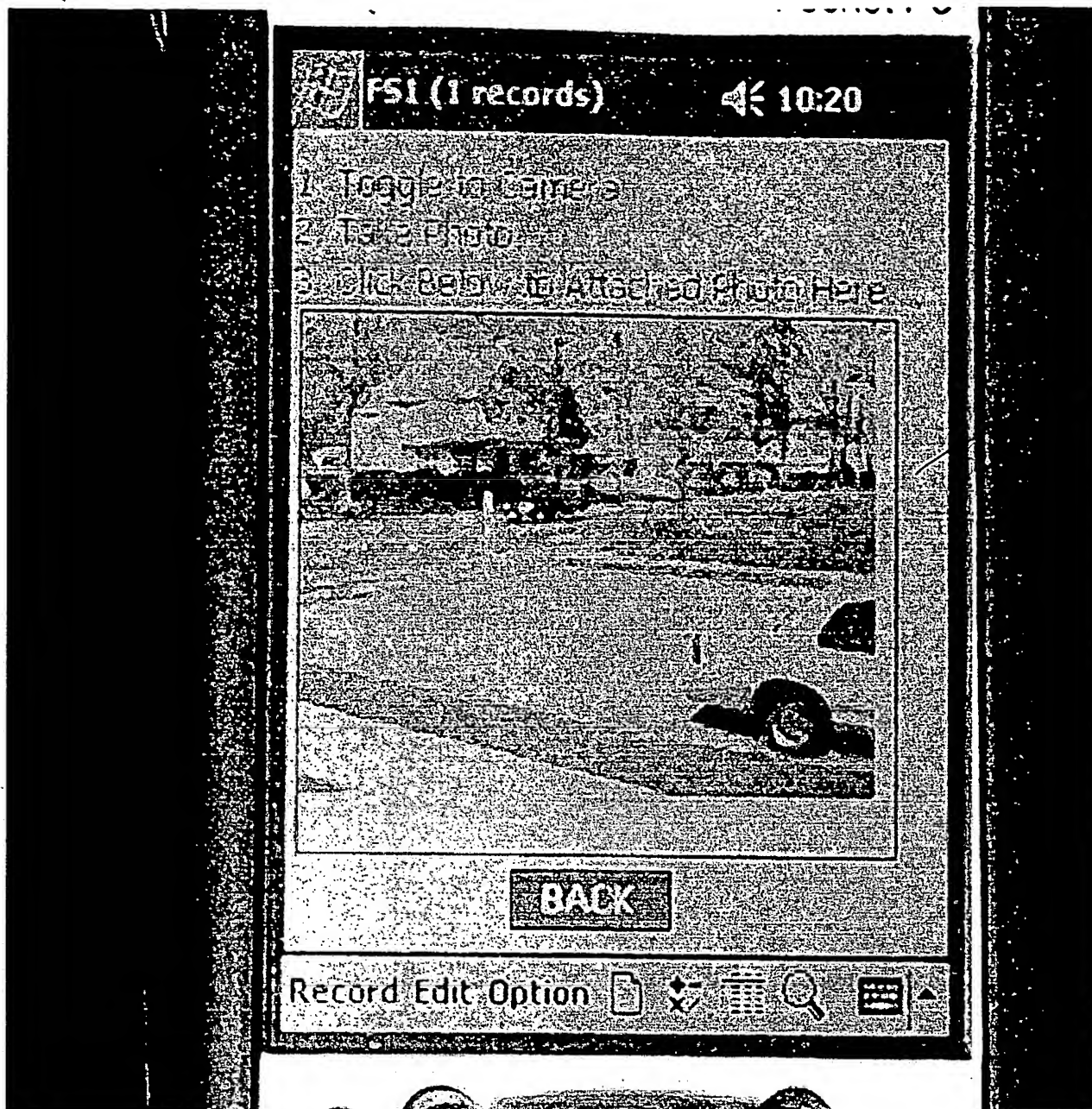


FIG. 8K

The photo is captured, accepted, selected and inserted directly into the record.

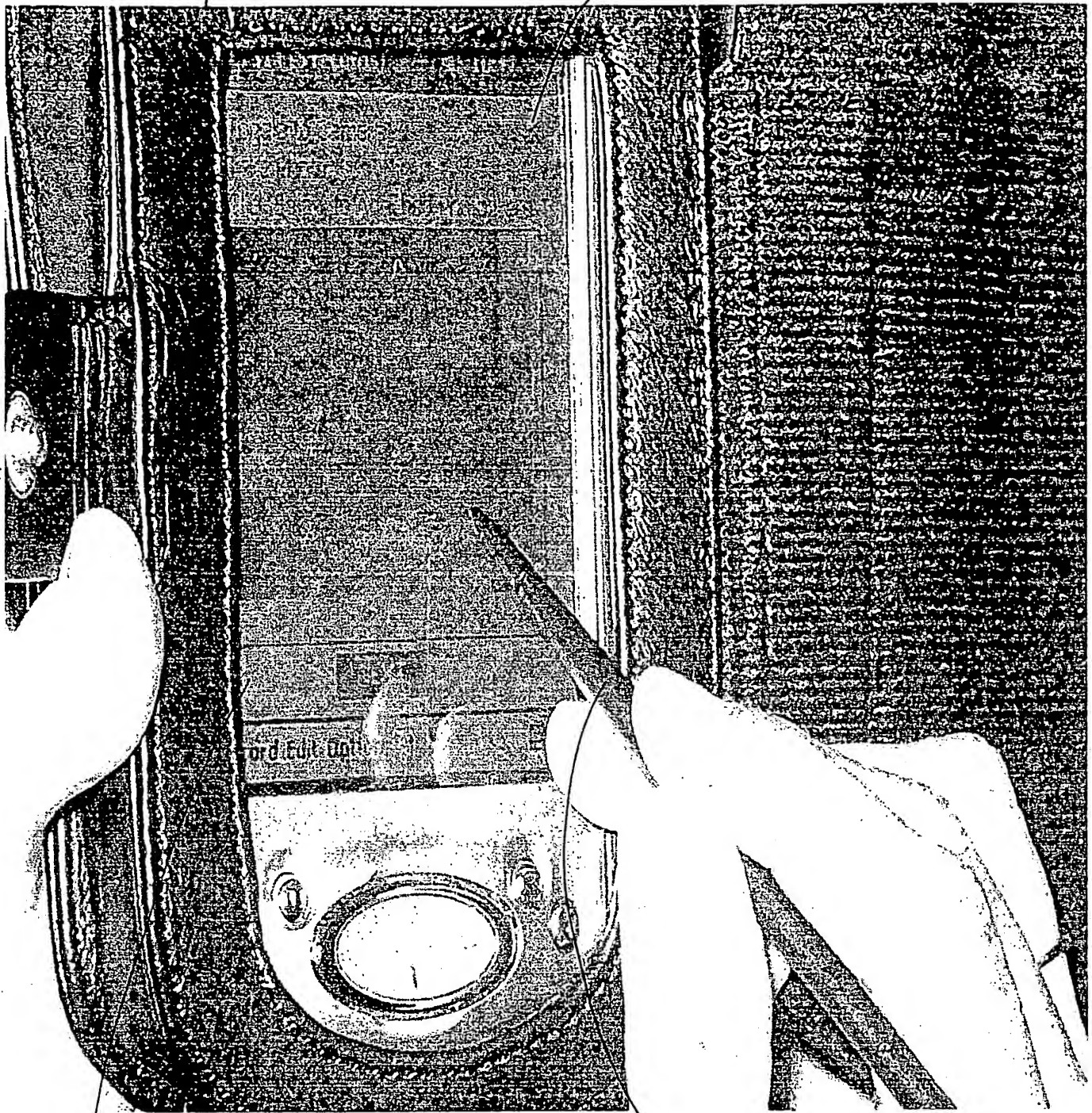


FIG 8L

23

Screen Tap inserts photo(s) into record

1560

Tubing

Types Lab Service ▼ ☐ Bundled?

Diameter of Tubing or Bundle 1 1/2" ▼

Construction 2" ▼

2 1/2" ▼

3" ▼

Special Conditions ▼

Annular Minimum Annular Maximum

FIG. 8M

Additional data is collected and recorded as required.

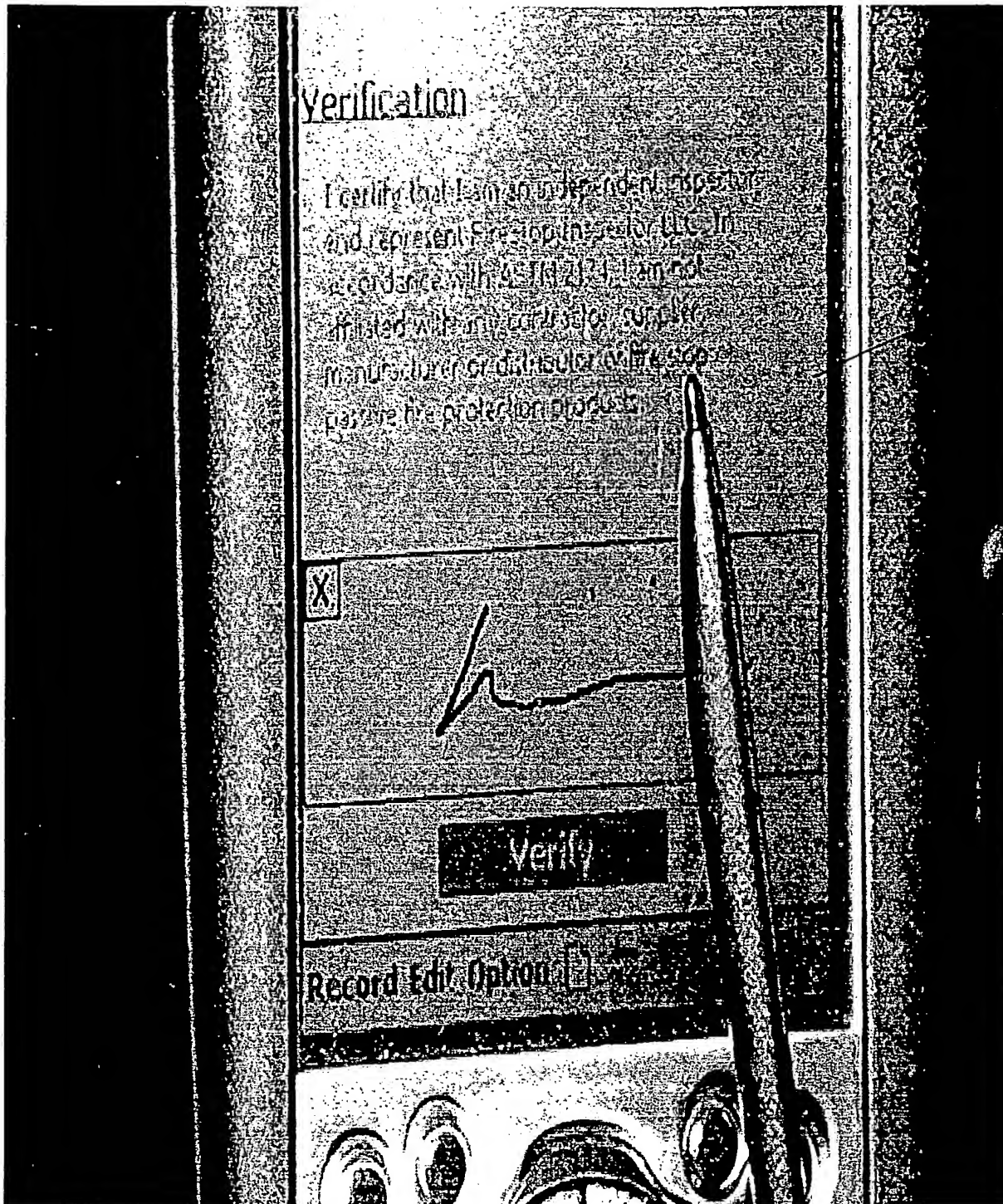


FIG. 4W

Signature is collected and inserted directly into the record at time of capture

Screen moves operator to next record, new client or to close inspection.

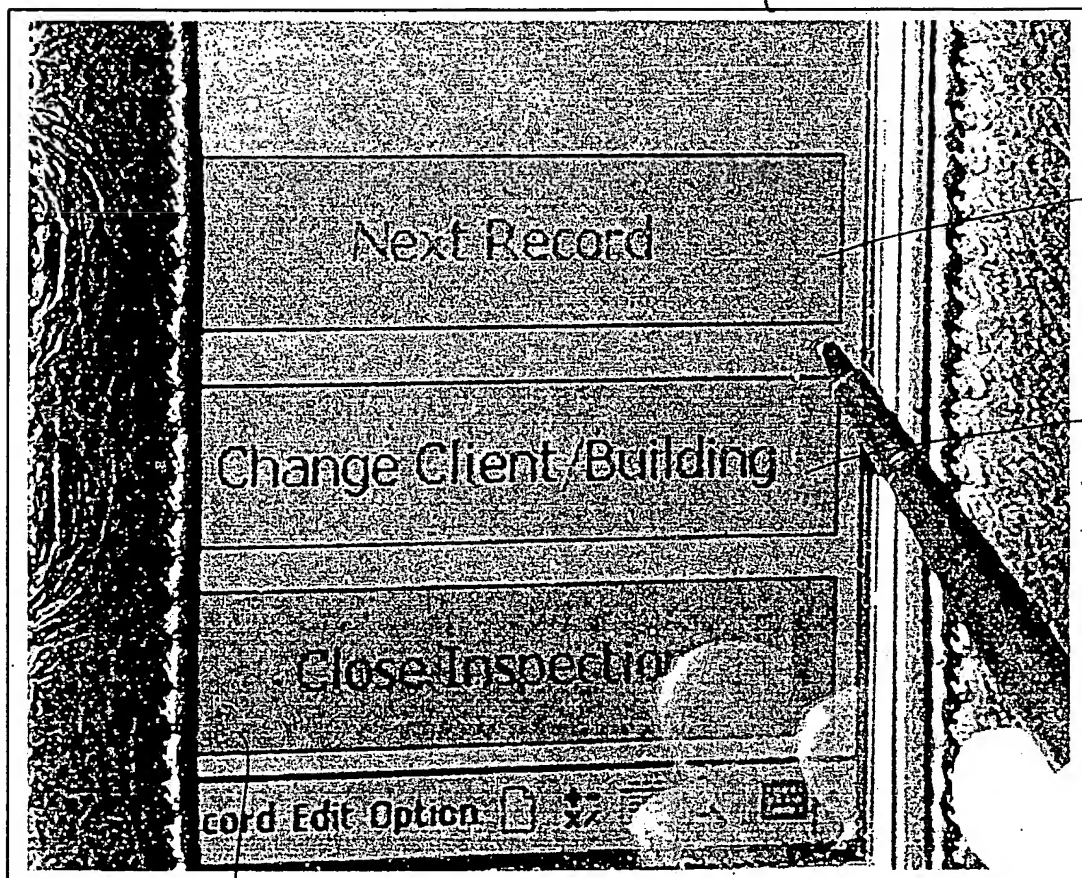
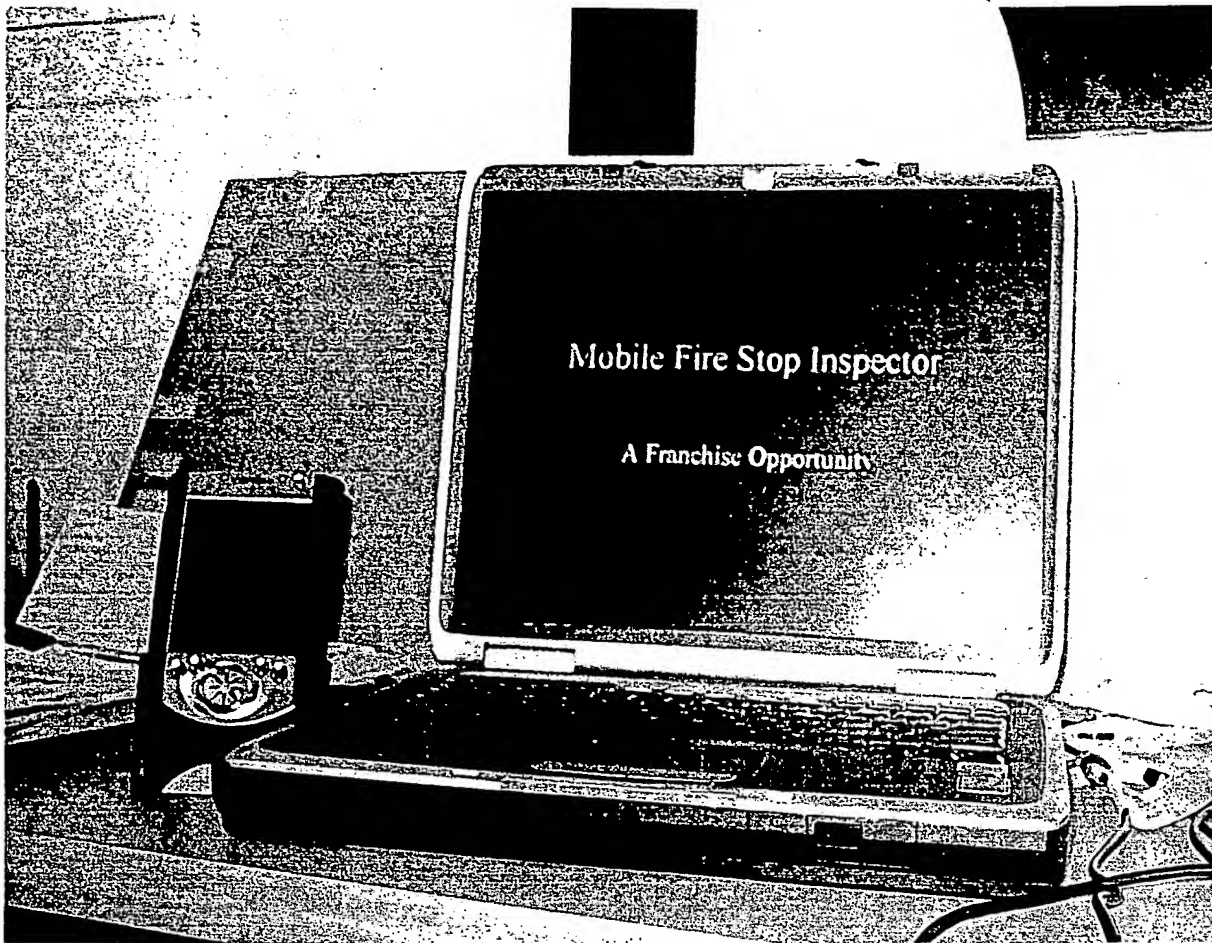
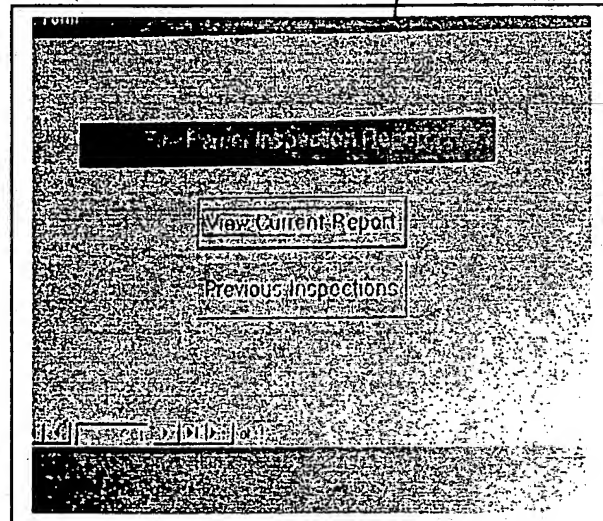
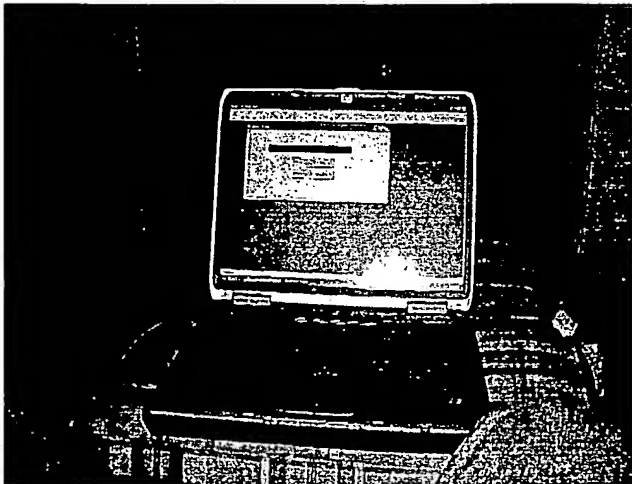


FIG. 80



The handheld is synchronized to the base unit utilizing cradle



At completion of synchronization, operator is immediately prompted to view and print report that was just created by record. This is a one button function by the operator. A secure copy of the record is also stored in the central database for this particular application.

FIG. 8P

FireStop Inspector TM

Fire Barrier Inspection Report

XXX Hospital
 YYY Street
 Newark, NJ 07108
 8th Floor - East Wing
 Barcode ID: T0005
 Inspection Date: March 13, 2003
 Inspector: John Smith

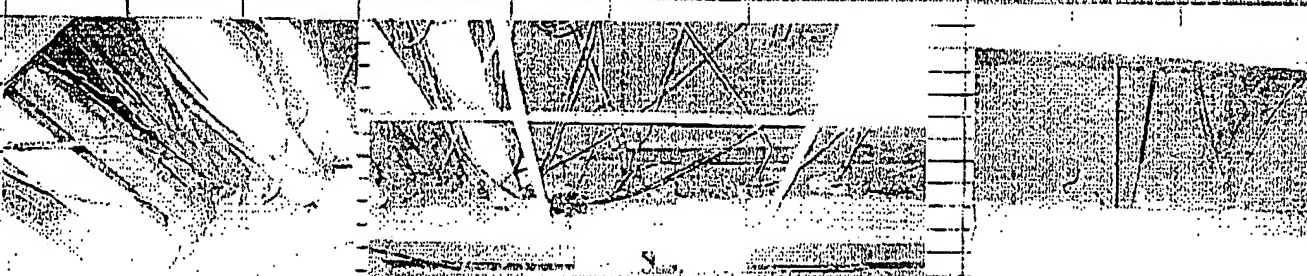
2000	2002	2004	2006	2008	2009	2010	2012	2014	2016	2018
Item	Location	Penetration	Type	Material	Diameter	Insulation	Construction System	Min Annular	Max Annular	Special Conditions
1	Above Door 501	Duct	MVAC	Steel	6x18"	No	Concrete Block	1"	3"	No Damper
2	Above Door 501	Conduit	Electrical	Steel	3/4"	No	Concrete Block	1 1/2"	2"	Eccentric
3	Above Door 501	Bundled Cable	Electrical	Mixed Wiring	2"	No	Concrete Block	1/4"	1/2"	N/A
4	Above Door 501	Pipe	Water	Copper	1 1/2"	No	Concrete Block	0"	1"	Partial Point Contact 15%
5	Above Door 501	Pipe	Water	Copper	1"	No	Concrete Block	1/2"	1/2"	N/A
6	Above Door 501	Pipe	Steam	Iron	1 1/2"	Fib - 1/2"	Concrete Block	3/4"	3/4"	N/A
7	Above Door 501	Pipe	Steam	Iron	1 1/2"	Fib - 1/2"	Concrete Block	3/4"	3/4"	N/A
8	Above Door 501	Bundled Cable	Electrical	Mixed Wiring	1"	Plastic Sleeve - 1/3"	Concrete Block	1/2"	1/2"	N/A
9	Above Door 501	Conduit	Primary Electric	Steel	4"	No	Concrete Block	6"	6 1/2"	N/A
10	Above Door 501	Bundled Cable	Electrical	Armored Cable	1 1/2"	No	Concrete Block	1/4"	1/4"	N/A
11	Above Door 501	Bundled Tubing	Lab Services	Copper	3"	No	Concrete Block	0"	1"	Partial Point Contact 15%
12	Above Door 501	Pipe	Lab Services	Iron	2"	No	Concrete Block	1"	1"	N/A
13	Above Door 501	Pipe	Electrical	Conduit	1"	No	Concrete Block	1/2"	1/2"	N/A
Mixed Penetrants										
14	Above Door 501	Bundled Cable	Electrical	Wire	1/2"	No	Concrete Block	3"	8"	Membrane Penetration
15	Above Door 501	Bundled Cable	Electrical	Armored Cable	1/2"	No	Concrete Block			
				Conduit	1"	No	Concrete Block	1"	1 1/2"	Eccentric
				Armored Cable	1/2"	No	Concrete Block			
16	Above Door 501	Joint Gap	Weld to Ceiling		Linear Feet 8'		Concrete Block/Concrete Deck	Min Gap 1 1/2"	Max Gap 2"	Static
										

FIG. 9A

Issues by Room

Alaco Solutions Inc.

Client	Building	Floor	Room
University of	Power Plant		

Report: 07/14

Fire Supp Issue	Issue Type	Qty	Min	Max	Material	Construction System	Special Conditions
Fire Protection	Det	7	6	8	Aluminum	Det	Excess
Fire Protection	Det	7	6	8	Aluminum	Det	Excess

Client	Building	Floor	Room
US Department of	Power Plant		

Report: 07/14

Fire Supp Issue	Issue Type	Qty	Min	Max	Material	Construction System	Special Conditions
Fire Protection	Det	7	6	8	Aluminum	Det	Excess

Client	Building	Floor	Room
SA	Power Plant		

Report: 07/14

Fire Supp Issue	Issue Type	Qty	Min	Max	Material	Construction System	Special Conditions
Fire Protection	Det	7	6	8	Aluminum	Det	Excess

Print: September 11, 2001

Page 1 of 1

Fig. 93

Summary Report

Repair Order

Date 10/13/03

Client Information:

Client Anheuser Busch, Inc

Location Newark Brewery

Address 100 Rt 1&9, Newark, NJ 07070

Building Number 4 **Room Number** 437A **Print Number** 6-76y

Issue Information:

Type Through Penetration

Trade Required Fire Stop Contractor

Description Copper pipe through cmu block wall, 2 hour rated in entry area of room.

Priority HIGH **UL System Selected** UL# CAJ-4501-A **Special Instructions** This is a Safety Issue

Producers Signature



Approval Signature



Assignment of Work:

Contractor Assigned Ace Construction Inc

☐ Provide Estimate for Approval

☒ Time and Materials Work

Contact Name Joe Sims

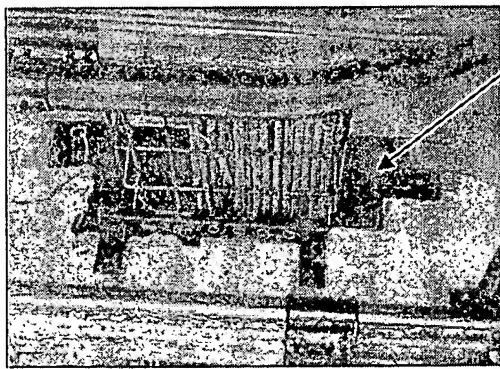
☒ Estimated Cost \$ 600.00

Telephone Number 732-528-0473



This work is included in our existing contract with the assigned contractor and must be completed at no additional cost to the existing contract for services.

Deficiency Digital Photo



Open Space

Approvals and Inspections

☒ Work inspected and approved

Signature

10/13/03

Date

Time and Date: 10/20/2003 12:06:13 PM

Fire Barrier Report

Client: ASI Management
Project: Scope of Services

Inspection Date/Time: 10/10/2003 9:15:00 AM
Inspector Name: Val O'Connor

Building: Floor: 2 Room: 14 Area Type: Electrical Room

Fire Stop Issue: Fire Rating: 2 Hour
Wall Penetration: Issue Type: Pipe; Materials: Aluminum

Dimensions: 5" Construction System: Block Annular Max: 1 1/2" Annular Min: 1/2"

Multi Issues: Defects: Insulation: Fiberglass 1/2" Special Conditions: Eccentric

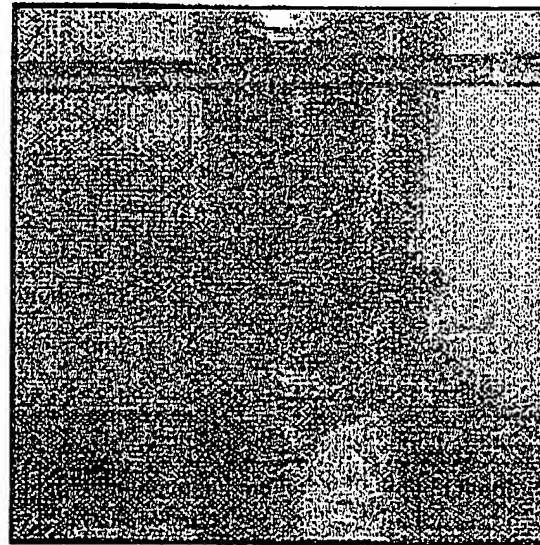
Barcode: T-3138621.456

I certify that I am an independent inspector and represent FireStop Inspector LLC. In accordance with ASTM 2174, I am not affiliated with any contractor, supplier, manufacturer or distributor of fire stop or passive fire protection products.

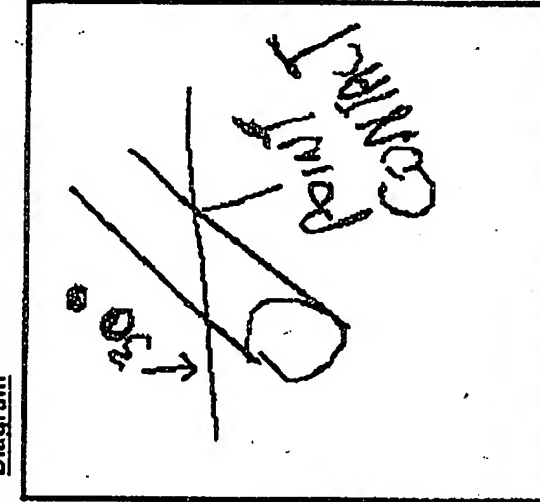
Signature: *Val O'Connor*

Repair Recommended:

Photo



Diagram



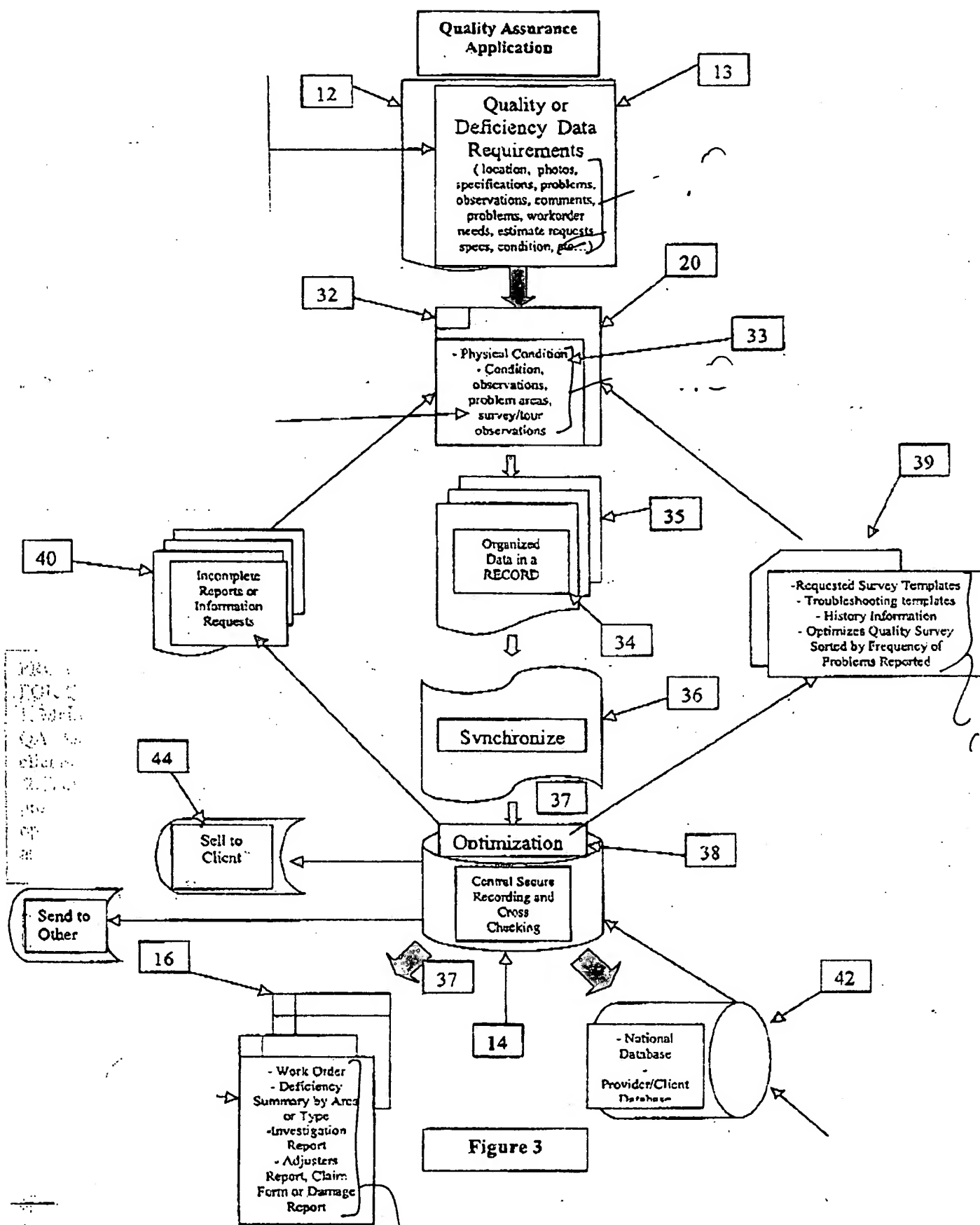


Figure 3

Fig. 12

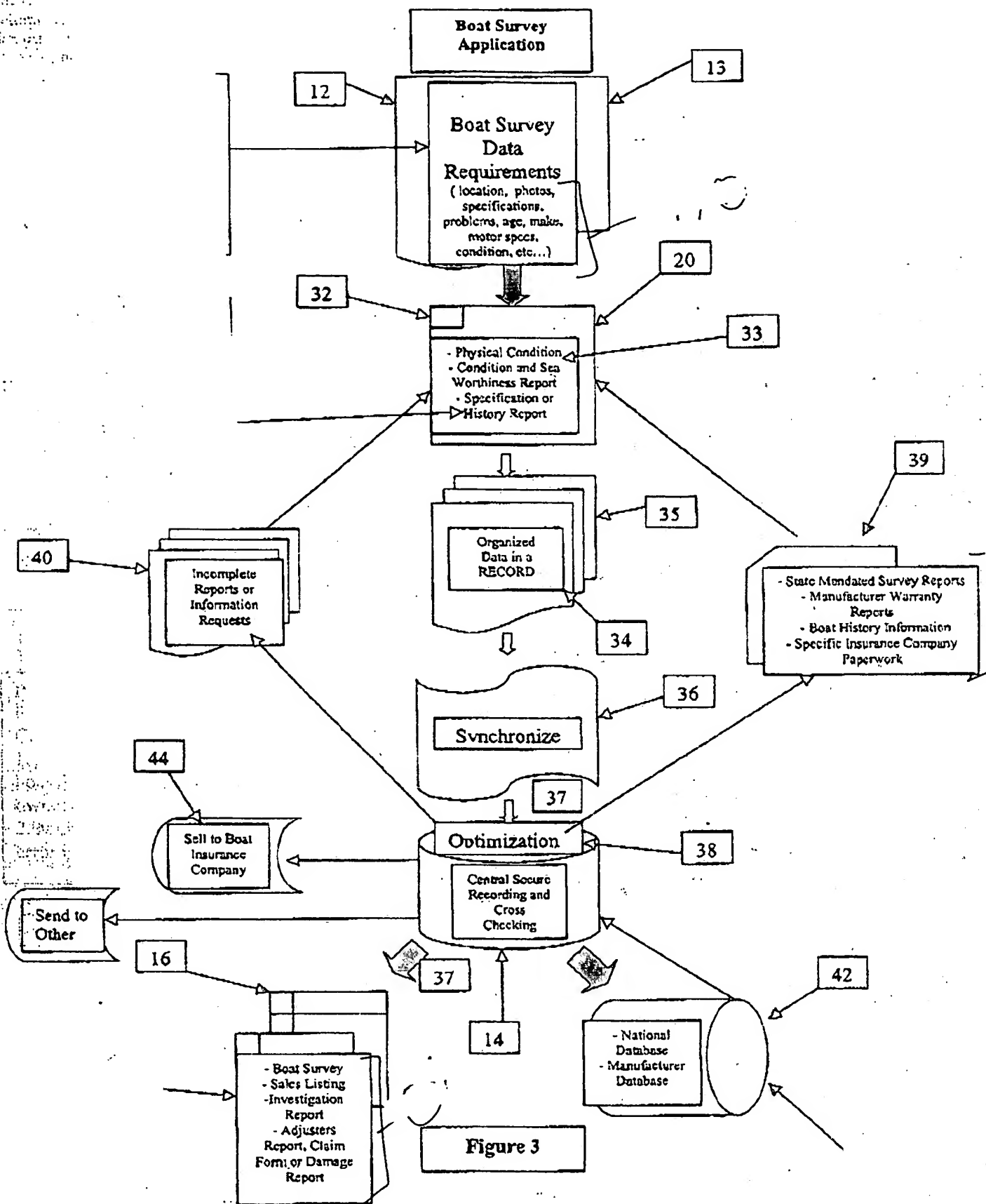


Fig. 13

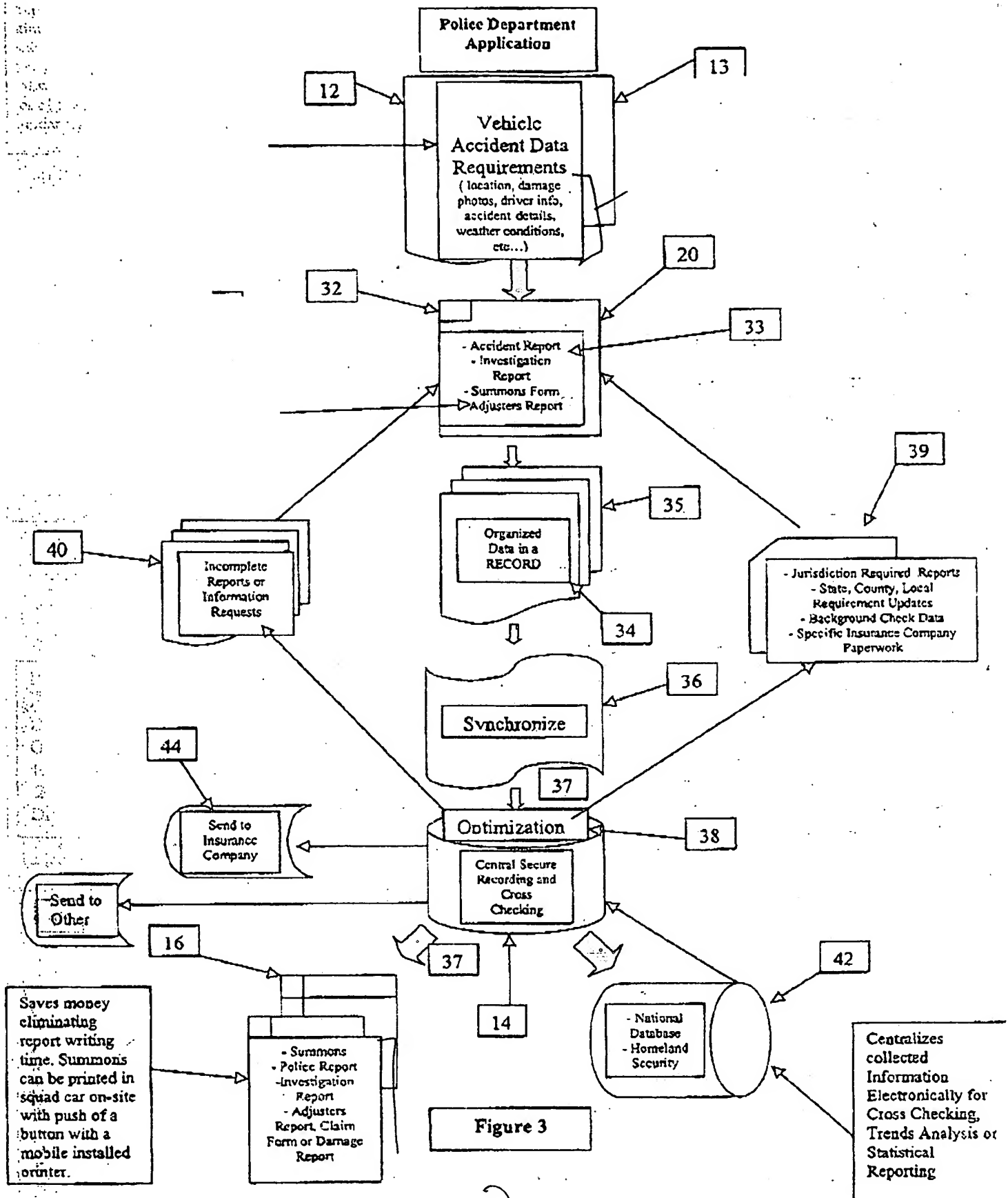


Fig. 19